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E-DAS TO AIRVISION TRANSITION



Air Vision Implementation

- Why changing from EDAS to AirVision

Past

- Getting the software and Hardware
- Installing Air Vision on the Hardware
- Converting data from EDAS to AirVision
- Setup and Test –September 2010-Jan 2011
- Generated our SO2 five minute AQS file-February

Present

- Do all editing in Air Vision
- Generate all our AQS files in Air Vision in March 2011
- Our impression so far

Future

- Upload from the AirVision Server to the State's Database
- Charting in AirVision or AVtrend



WHY MAKE THE MOVE?

- E-DAS
 - Only one task at a time
 - Some tasks time consuming (have to re-select sites/parameters every time, etc)
 - Network users = file sharing, Cannot connect clients and have more than one person working on the system.
 - We wanted to update our network system at the same time.



WHY MAKE THE MOVE?


- AirVision offered several improvements
 - True multiple window interface
 - Favorites offered faster access to data and reports
 - Network users more functional
 - Implemented DSL connection for better Agilaire support
 - Easier to edit and easier to batch edit



PLANNING THE MOVE

- We had a choice of two approaches
 1. Procure our own PCs & do our own installations, and do the data conversion
 2. Outsource all of the above to Agilaire

We asked for a quote for new powerful server PC, four (4) workstations, and installation / data conversion and found it reasonable (~\$<10000 with shipping. Included SQL with 5 licenses,)



AGILAIRE'S SIDE

1. Procured and tested the server and four workstations
 - Dell Power Edge with Quad Core, 8GB, 750G RAID
 - Vostro Slim Tower Workstations with 20" LCD
2. Converted E-DAS data files (hourly/aux/cal since 1/1/2007) we provided



AGILAIRE'S SIDE

3. Removed obsolete sites and data that we requested be removed
4. Set up polling schedule, users, default passwords, based on E-DAS setup.
5. Added some new parameters we requested



PALM BEACH COUNTY'S SIDE

6. Received the computers, connected and tested
7. Allowed system to backpoll to fill in the data gap from the E-DAS files we sent.
8. Verified data in AirVision



Additional System Configuration

- Loaded Adobe Acrobat for making PDF files to be archived
- Will be adding additional programs for TEI and BAM 1020



Areas to Work On

- We are still working on integrating the Computer Local Air Index Reporting System (CLAIRE) for the AQI
- Haven't worked with charting
- Chart annotations
- Can annotate data
- AV Trend for sites and Server (charting?)



OUR IMPRESSIONS SO FAR

- *Has the ability to work on several windows at the same time. An improvement over EDAS*
- *Easier to edit – Still exploring batch editing*
- *Graphing on AirVision is better. More choices to graph –linear, etc. Stand alone graph in EDAS . Can see data on graph whereas can see in EDAS.*
- *Some of the issues are seeing !!– we are not sure as yet if it is our error or software*

Additional Recommendations

- Broadband service is recommended to have a direct link to the server for Agilaire's support.
- **Backup, Backup, Backup, Backup,** frequently.
- Continue collecting data with EDAS until AirVision is running satisfactorily.

